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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE				DOCKET NUMBER: 12243.19-US-UI		Application Number / Day 60,226		
PATENT AND TRADEMARK OFFICE				APPLICANT(S): ROSE, David et al				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				FILING DATE: September 21, 2001		GROUP ART UNIT		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
					 			
					 			
					 	 		
FOREIGN PATENT DOCUMENTS								
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
KK	1.							
	2.	Altmann F, et al (1995). Processing of asparagine-linked oligosaccharides in insect cells: evidence for alpha-mannosidase II. Glycoconj. J. 12, 150-155						
	3.	Boraston, A., et al (2000). Specificity and affinity of substrate binding by a family 17 carbohydrate-binding module from						
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
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us market Form PTO-1449 TMENT OF COMMERCE DOCKET NUMBER: 12243.19-US-U1 PATENT AND TRADEMARK OFFICE APPLICANT(S): ROSE, David et al INFORMATION DISCLOSURE CITATION FILING DATE: September 21, 2001 **GROUP ART UNIT** (Use several sheets if necessary) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Cowtan, K. (1994). 'dm': an automated procedure for phase improvement by density modification. CCP4 ESF-EACBM 6. Newslett. Protein Crystallogr. 31, 34-38 7. Davies, G., et al (1995). Structures and mechanisms of glycosyl hydrolases. Structure 3, 853-859 Dennis, J.W., et al (1985). Recognition of asparagine-linked oligosaccharides on murine tumor cells by natural killer cells. 8. Cancer Res. 45, 6034-6040 Dennis, J.W., et al (1999a) Protein glycosylation in development and disease. Bioessays 21, 412-421 9. Dennis, J.W., et al (1999) Glycoprotein glycosylation and cancer progression. Biochim. Biophys. Acta 1473, 21-34 10. Goss, P.E., et al (1995). Inhibitors of carbohydrate processing, A new class of anticancer agents. Clin. Cancer Res. 1, 935-944 11 Goss, P.E., et al (1997). Phase IB clinical trial of the oligosaccharide processing inhibitor swainsonine in patients with advanced malignancies. Clin. Cancer Res. 3, 1077-1086 Harpaz, N. et al (1980). Control of Glycoprotein Synthesis. V. Processing of asparagine-linked oligosaccharides by Golgi alpha-D-mannosidases dependent on the prior action of UDP-N-acetylglucosamine:alpha-D-mannoside beta-2-Nacetylglucosaminyltransferase I. J. Biol. Chem. 255, 4894-4902 Henrissat, B. (1991). A classification of glycosyl hydrolases based on amino-acid sequence similarities. Biochem. J. 280, 309-316 Herscovics, A. (1999). Importance of glycosidases in mammalian glycoprotein biosynthesis. Biochim. Biophys. Acta 1473, 96-107 Howard, S., et al (1998). Identification of the active site nucleophile in Jack-bean alpha-mannosidase using 5-fluoro-beta-Lgulosyl fluoride. J. Biol. Chem. 273, 2067-2072 Jones, TA, et al (1991). Improved methods for building protein models in electron density maps and the location of errors in these models. Acta Crystallogr. A 47, 110-119 Kausal, G.P., et al (1990). Purification to homogeneity and properties of mannosidase II from mung bean seedlings. Biochemistry 29, 2168-2176 Kiyohara, T., et al (1987). Double restriction in NK cell recognition is linked to transmethylation and can be triggered by asparagine-linked oligosaccharides on tumor cells. Cell. Immunol. 106, 223-233 19 Kornfeld R., et al (1985). Assembly of asparagine-linked oligosaccharides. Annu. Rev. Biochem. 54, 631-664 20. Kraulis, P. (1991). Molscript: a program to produce both detailed and schematic plots of protein structures. J. Appl. Crystalogr. 24, 946-950 21. Merritt, E.A., et al (1997). Raster3D: photorealistic molecular graphics. Methods Enzymol. 277, 505-524 Moremen K.W., et al (1994). Glycosidases of the asparagine-linked oligosaccharide processing pathway. Glycobiology. 4, 113-125 Moremen, K.W. et al (1985). Biosynthesis and modification of Golgi mannosidase II in HeLa and 3T3 cells. J. Biol. Chem. 260, 6654-6662 24. Moremen, K.W. et al (1986). Topology of mannosidase II in rat liver Golgi membranes and release of the catalytic domain by selective proteolysis. J. Biol. Chem. 261, 10945-10951 25. Nicholls A., et al (1991). Protein folding and association: insights from the interfacial and thermodynamic properties of hydrocarbons. Proteins 11 281-296 26. Rabouille, C., et al (1999) The Drosophila GMII gene encodes a Golgi a-mannosidase II. J. Cell Sci. 112, 3319-3330 Ren, J., et al (1997). Purification and properties of \(\sigma\)-mannosidase II from Golgi-like membranes of baculovirus-infected Spodoptera frugiperda (IPLB-SF-21AE) cells. Biochem. J. 324, 951-956 28 Schmidt, A., et al (1998). Structure of xylanase from Penicillium simplicissimum. Protein Sci. 7(10), 2081-8 29.

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OTHER DOC	UMENT	S (Including Author, Title, Date, Pertinent Pages,	Etc.)					
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	31.	Terwilliger T.C., et al (1987). Generalized function. Acta Crystallogr. A, 43, 1-5	method of determining heavy-atom positions using the difference Patterson					
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